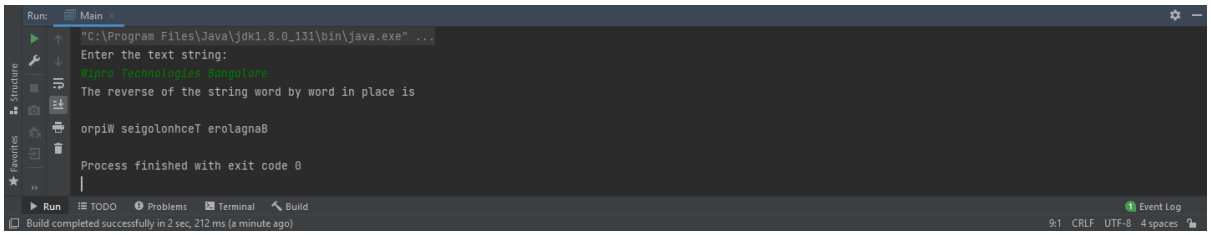
REVERSE THE WORD WITH OPTION :

PROGRAM :

```
package com.company;
import java.io.BufferedReader;
import java.io.InputStreamReader;
public class Main{
    static String reverseString(String str) {
        String[] words = str.split(" ");
        String rev = "";
        int i, j;
        for (i = 0; i < words.length; i++) {
            StringBuffer sb = new StringBuffer(words[i]);
            rev += sb.reverse().toString();
            rev += " ";
        }
        return rev;
    }
    public static void main(String[] args) {
        BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));
        System.out.println("Enter the text string");
        String str;
        try{
            str=br.readLine();
        }
        catch(Exception e){
            System.out.println("Error reading input");
            return;
        }
        String rev = reverseString(str);
        System.out.println("The reverse of the string word by word in place
is\n");
        System.out.println(rev);
    }
}
```

OUTPUT :



2.PASSWORD VALIDATION :

PROGRAM :

```
package com.company;
import java.util.*;
public class Main {
        public static boolean isValid(String password){
            if (!((password.length() >= 8) && (password.length() <= 15))) {
                return false;
            }
            if (password.contains(" ")) {
                return false;
            }
            if (true) {
                int count = 0;
                for (int i = 0; i <= 9; i++) {
                    String str1 = Integer.toString(i);
                    if (password.contains(str1)) {
                        count = 1;
                    }
                }
                if (count == 0) {
                    return false;
                }
            }
            if (!(password.contains("!") || password.contains("@")
                    || password.contains("#") || password.contains("$")
                    || password.contains("%") || password.contains("^")
                    || password.contains("&") || password.contains("*")
                    || password.contains("(") || password.contains(")") ))
{
                return false;
            }
            if (true) {
                int count = 0;
                for (int i = 65; i <= 90; i++) {
                    char c = (char)i;
                    String str1 = Character.toString(c);
                    if (password.contains(str1)) {
                        count = 1;
                    }
                }
                if (count == 0) {
                    return false;
                }
            }
            if (true) {
                int count = 0;
                for (int i = 90; i <= 122; i++) {
                    char c = (char)i;
                    String str1 = Character.toString(c);
                    if (password.contains(str1)) {
                        count = 1;
                    }
                }
                if (count == 0) {
                    return false;
                }
            }
            return true;
```

```
        }
        public static void main(String args[]){
            Scanner sc=new Scanner(System.in);
            System.out.print("Enter a string : ");
            String password1=sc.nextLine();
            if (isValid(password1)) {
                System.out.println("Valid Password");
            }
            else {
                System.out.println("Invalid Password!!!");
            }
        }
    }
```

OUTPUT :